Analysis of Significant Changes in the 2026 NEC

Mike Holt Enterprises
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Provider Information

Provider	Instructor	Email
Mike Holt Enterprises	Mike Holt	ceuonline@mikeholt.com

General Information

Course Description

This course is based on the content from *Mike Holt's Illustrated Changes to the 2026 NEC* textbook and video program. It provides students with a comprehensive overview of the significant changes to the NEC.

Expectations and Goals

The format of the course is designed to encourage constant interaction with the student. This course provides students with pages of text and graphics followed by a question related to that material. This provides immediate application of the content learned. This format keeps students actively engaged in their learning through the entirety of the course.

Student Interaction

Our online course provides the student with the ability to send questions about the course and content to Mike Holt and our CEU department 24 hours a day through our "Submit a Question" and "Report an Error" section. During normal business hours (8:30am to 5:00pm EST) all calls are answered by customer service and questions that are emailed to the department are always responded to and resolved within 2 hours during normal business hours. Questions that are emailed while the office is closed are addressed within 6-8 hours.

Course Materials

Required Materials

Students are required to have a computer and reliable internet connection to properly use our online courses. Our courses are optimized to perform on Firefox or Google Chrome.

Students are not required to purchase any additional training materials, such as textbooks.

Methods of Presentation

Text

The course utilizes text and full-color illustrations to help you visualize the change and safety requirements in practical use. You will review author's comments & analysis, cautions regarding possible conflict or confusing NEC requirements, tips on proper electrical installations, and warnings of dangers related to improper electrical installations.

Contact Us:

www.mikeholt.com/ceu | 888-632-2633 | ceuonline@mikeholt.com

Quiz Questions

Student comprehension is tested immediately with page or video level questions. They must pass these quizzes with a 75% or better to receive credit for this course.

Video

Videos are provided throughout the program to help a student review the topic in depth if needed. The videos correspond with the course outline. Our videos showcase a dynamic classroom type training with Mike and his panel of experts dissecting the changes, their impact, and how they will translate and apply in the field. These videos allow for our instructors to clarify the meaning of the change and to provide an in-depth analysis of the background information.

Course Security

Affidavits

Students will be required to electronically sign the following affidavit when taking this online course:

> I hereby certify that I am the person completing the following course (Name of Course) and that I will complete this course completely on my own. By entering my name below, I am ensuring I am the student who is enrolled in and completing this course

Course Timer

Our courses track all student progress and has a built-in timer. We require students to be engaged in the course for a minimum of 50 minutes per credit hour. Students will not be able to receive credit unless they have met the minimum time requirement for this course. Students can track their time remaining by viewing the course timer while they are logged into the course.

Student Computer

Students will not be allowed to be logged into multiple computers at once while completing our courses. Students will only be able to log into one computer to successfully take the course.

Inactivity Timer

Students with automatically be logged out of the course after 30 minutes of inactivity.

Facial Recognition

Students will be required to take a secured photo to validate their identity at the beginning of course, each time they log into the course, randomly throughout the course, and final at the end of the course. This photo will be stored on their account and it validated through the software API with each additional photo. Photo will be compared through the system to verify it is the student earning credit for the course.

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Course Topics

Topics	Module Details
Article 90 - Introduction 90.1 Scope 90.3 Code Arrangement	Estimated time: 10 minutes Format: Video, Text & Questions
Chapter 1 - General Rules **Article 110 - General Requirements for Electrical Installations** 110.1 Scope 110.3 Use of Equipment 110.15 High-Leg Conductor Identification 110.16 Arc-Flash Hazard Marking, Other Than Dwelling Units 110.26 Spaces Around Electrical Equipment 110.29 In Sight From (Within Sight From, Within Sight) **Article 120 - Branch-Circuit, Feeder, and Service Load Calculations** 120.1 Scope 120.5 Calculations 120.6 Noncoincident Loads 120.7 Power Control Systems (PCS) 120.41 Dwelling Unit(s), Load Calculation 120.54 Dwelling Unit Clothes Dryer Demand Load 120.57 Electric Vehicle Supply Equipment Load 120.82 Optional Load Calculations 120.83 Existing Dwelling Unit Optional Load Calculation **Article 130 - Energy Management Systems** 130.1 Scope 130.2 Listing Requirements 130.50 General 130.60 Conductors and Equipment 130.70 Settings 130.80 Marking and Documentation	Estimated Time Spent: 160 minutes Format: Video, Text & Questions
Chapter 2 -Wiring and Protection **Article 206 - Remote-Control and Signaling Circuits** 206.1 Scope **Article 210 - Branch-Circuits** 210.1 Scope 210.5 Conductor Identification 210.8 GFCI Protection 210.12 Arc-Fault Circuit-Interrupter Protection	Estimated Time Spent: 180 Minutes Format: Video, Text & Questions

Topics	Module Details
210.52 Dwelling Unit Receptacle Outlets 210.63 Equipment Requiring Servicing 210.70 Lighting Outlet Requirements **Article 215 -Feeders** 215.1 Scope 215.12 Conductor Identification 215.18 Surge Protection **Article 225 - Outside Branch Circuits and Feeders** 225.1 Scope 225.31 Disconnecting Means 225.41 Emergency Disconnect **Article 230 - Services** 230.1 Scope 230.46 Spliced and Tapped Connections 230.62 Service Equipment—Barrier Placement 230.67 Surge Protection 230.68 Meter Socket 230.70 Service Disconnect Requirements 230.82 Connected on Supply Side of the Service Disconnect **Article 240 - Overcurrent Protection** 240.1 Scope 240.6 Standard Ampere Ratings 240.24 Location of Overcurrent Protective Devices **Article 242 - Overvoltage Protection (SPD)** 242.1 Scope 242.13 Type 1 Surge-Protective Device (SPD)—Supply Side of Service Equipment **Article 250 - Grounding and Bonding** 250.1 Scope 250.8 Connection of Grounding and Bonding Conductors 250.24 Service Grounding 250.52 Grounding Electrode Types 250.64 Grounding Electrode Conductor Installation 250.109 Metal and Nonmetallic Enclosures 250.118 Types of Equipment Grounding Conductors 250.122 Sizing Wire-Type Equipment Grounding Conductors	
Chapter 3 - Wiring Methods and Materials **Article 300 - General Requirements for Wiring Methods and Materials** 300.1 Scope	Estimated Time Spent: 120 Minutes

Topics	Module Details
300.4 Limitations	Format:
300.6 Protection Against Physical Damage	Video, Text & Questions
300.7 Underground Installations	
300.13 Securing and Supporting	
300.24 Bends	
Article 310 – Conductors for General Wiring	
310.1 Scope	
310.12 Dwelling Services and Feeders	
310.14 Ampacities for Conductors	
310.15 Ampacity Tables	
Article 314 - Boxes, Conduit Bodies, and Handhole Enclosures	
314.1 Scope	
314.2 Listing Requirements	
314.16 Outlet Box Sizing	
314.27 Box Requirements	
314.29 Wiring to be Accessible	
Article 320 - Armored Cable (AC Cable)	
320.1 Scope	
320.2 Listing Requirements	
320.23 IN Accessible Attic Spaces	
320.30 Securing and Supporting	
Article 330 - Metal-Clad Cable (MC Cable)	
330.1 Scope	
330.2 Listing Requirements	
330.30 Securing and Supporting	
Article 334 - Nonmetallic-Sheathed Cable (NM Cable)	
334.1 Scope	
334.2 Listing Requirements	
334.10 Uses Permitted	
334.12 Uses Not Permitted	
334.24 Bending Radius	
334.30 Securing and Supporting	
Article 336 - Power and Control Tray Cable (TC Cable)	
336.1 Scope	
336.2 Listing Requirements	
336.30 Securing and Supporting	
Article 338 - Service-Entrance Cable (SE and USE Cable)	
338.1 Scope	
338.2 Listing Requirements	

Topics	Module Details
338.24 Bending Radius **Article 340 - Underground Feeder and Branch-Circuit Cable (UF Cable)** 340.1 Scope 340.2 Listing Requirements 340.24 Bends **Article 342 - Intermediate Metal Conduit (IMC))** 342.1 Scope 342.10 Uses Permitted 342.29 Paired Locknuts **Article 344 - Intermediate Metal Conduit (IMC)/Rigid Metal Conduit (RMC)** 344.1 Scope 344.29 Paired Locknuts **Article 350 - Liquidtight Flexible Metal Conduit (LFMC)** 350.1 Scope 350.10 Uses Permitted **Article 352 - Rigid Polyvinyl Chloride Conduit (PVC)** 352.1 Scope **Article 392 - Cable Trays** 392.1 Scope 392.18 Cable Tray Installations	
Chapter 4 - Equipment for General Use **Article 404 - Switches** 404.1 Scope **Article 406 - Wiring Devices** 406.1 Scope 406.10 Wiring Device Terminations 406.26 Tamper-Resistant Receptacles **Article 408 - Switchboards and Panelboards** 408.1 Scope 408.6 Short-Circuit Current Rating **Article 422 - Appliances** 422.1 Scope 422.13 Storage Water Heaters **Article 424** - Fixed Electric Space-Heating Equipment 424.1 Scope 424.5 Continuous Load **Article 440 - Air-Conditioning and Refrigeration Equipment** 440.1 Scope	Estimated Time Spent: 60 minutes Format: Video, Text & Questions

Topics	Module Details
440.15 Split-System Disconnect Identification **Article 450 - Transformers** 450.1 Scope 450.12 Grounding and Bonding **Article 480 - Stationary Batteries** 480.1 Scope 480.4 Battery and Cell Terminations 480.14 Overcharge Control	
Chapter 5 - Special Occupancies **Article 500 - Hazardous (Classified) Locations** 500.1 Scope 500.30 Bonding **Article 501 - Class I Hazardous Locations** 501.1 Scope 501.10 Wiring Methods **Article 502 - Class II Hazardous Locations** 502.1 Scope 502.10 Wiring Methods **Article 517 - Health Care Facilities** 517.1 Scope 517.10 Applicability 517.13 Equipment Grounding Conductor for Receptacles and Fixed Electrical Equipment in Patient Care Spaces 517.15 Multiwire Branch Circuits **Article 518 - Assembly Occupancies** 518.1 Scope 518.6 Wiring Methods 518.8 Illumination **Article 525 - Carnivals, Circuses, and Fairs** 525.1 Scope 525.21 Disconnecting Means 525.25 Lighting **Article 547 - Agricultural Buildings** 547.1 Scope 547.23 Wet Locations 547.44 Equipotential Planes **Article 555 - Marinas, Boatyards, and Docking Facilities** 555.1 Scope 555.2 Listing Requirements	Estimated Time Spent: 120 minutes Format: Video, Text & Questions

Topics	Module Details
555.9 Engineered Design 555.13 Non-Current-Carrying Metal Parts Bonding 555.14 Equipotential Planes and Bonding of Equipotential Planes 555.15 Equipment Servicing and Replacing 555.33 Receptacles 555.35 GFPE and GFCI Protection	
Chapter 6 – Special Equipment **Article 620 - Elevators** 620.1 Scope 620.51 Disconnecting Means **Article 624 - Electric Self-Propelled Vehicle—Power Transfer Systems** 624.1 Scope 624.2 Listing Requirements 624.40 ESVSE Branch Circuits 624.41 Overcurrent Protection 624.42 Rating 624.43 Disconnecting Means 624.48 Interactive Equipment 624.49 Island Mode 624.52 Ventilation 624.54 GFCI Protection 624.56 Receptacle Enclosures **Article 625 - Vehicle Power Transfer System** 625.1 Scope 625.4 Qualified Persons 625.5 Field Markings 625.41 Continuous Loads 625.42 Rating 625.43 Disconnecting Means 625.44 Equipment Connections 625.54 GFCI and SPGFCI **Article 680 - Swimming Pools, Spas, Hot Tubs, and Fountains** 680.1 Scope 680.5 GFCI and SPGFCI Protection 680.12 Equipment Rooms, Vaults, and Pits 680.21 Pool Motors 680.22 Receptacles, Luminaires, and Switches 680.26 Equipotential Bonding 680.32 GFCI and SPGFCI Protection	Estimated Time Spent: 180 minutes Format: Video, Text & Questions

Topics	Module Details
680.58 GFCI or SPGFCI Protection of Receptacles 680.71 Branch Circuit **Article 690 - Solar Photovoltaic (PV) Systems** 690.1 Scope 690.4 General Requirements 690.33 Mating Connectors 690.43 Equipment Grounding Conductor **Article 695 - Fire Pumps** 695.1 Scope 695.7 Power Wiring	
Chapter 7 - Special Conditions **Article 700 - Emergency Systems** 700.1 Scope 700.4 Commissioning and Servicing 700.9 Surge Protection 700.11 Wiring, Class 2, and Class 4 Powered Emergency Lighting Systems 700.12 General Requirements 700.28 Class 4 Powered Emergency Lighting Systems **Article 701** - Legally Required Standby Systems 701.1 Scope 701.4 Commissioning and Servicing 701.9 Surge Protection **Article 702 - Optional Standby Systems** 702.1 Scope 702.4 Capacity and Rating 702.7 Signs **Article 705 - Interconnected Electric Power Production Sources** 705.1 Scope 705.11 Supply Side Connection 705.13 Power Control Systems 705.28 Power Source Output Current and Circuit Sizing 705.30 Overcurrent Protection **Article 706 - Energy Storage Systems** 706.1 Scope 706.7 Commissioning and Servicing 706.15 Disconnect **Article 710 - Stand-Alone Systems** 710.1 Scope 710.15 General	Estimated Time Spent: 120 minutes Format: Video, Text & Questions

Topics	Module Details
Article 720 - General Requirements for Limited-Energy System Wiring Methods and Materials 720.1 Scope 720.5 Underground Installations 720.19 Supporting Cables and Conductors in Vertical Raceways **Article 722 - Limited-Energy Cables for Power-Limited Circuits, Optical Fiber Circuits, and Communications Circuits** 722.1 Scope 722.2 Limited-Energy Cable Listings 722.150 Class 4 Circuit Cables 722.152 Installation and Wiring Methods for Class 4 Circuit Cables **Article 750 - Grounding, Bonding, and Overvoltage Protection of Limited Energy Systems** 750.1 Scope **Article 760 - Fire Alarm Systems** 760.1 Scope 760.33 Supply-Side Overvoltage Protection	
Chapter 8 - Communications Systems **Article 800 - General Requirements for Communications Systems** 800.1 Scope	Estimated Time Spent: 10 minutes Format: Video, Text & Questions

Important Disclaimer

The estimated time spent is based on data collected from thousands of students completing our apprenticeship and CEU programs and additionally supported by educational organizations calculations for average for students reading technical material. Based on our data and research, we've determined students spend on average 2-6 minutes per page and question. Reference:

https://catalog.shepherd.edu/mime/media/12/913/SU+Credit+Hour+Policy+Appendix+B.pdf

Charles (Mike) Michael Holt

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SUMMARY OF QUALIFICATIONS

Mike has taught over 1,000 classes on over 40 different electrical related subjects to over 20,000 students. He is committed to the electrical industry and is recognized as one of America's most knowledgeable electrical educators. He has worked his way up the trade from Apprentice Electrician, Journeyman Electrician, Master Electrician, Electrical Inspector, Electrical Contractor, Electrical Designer and developer of training programs for the electrical industry.

- More than 40 years' experience as a technical instructor. Skills include:

Curriculum Development	Individual and Large Group Training
Technical Expertise	Continuing Education
Publishing	Business Management & Growth

EXPERIENCE

President and CEO of Mike Holt Enterprises of Leesburg, Inc. 1975 - Present

Instructor

- Approved instructor in over 30 state electrical and construction boards in the U.S.
  - *Covering NEC® Changes, Electrical Theory, Grounding vs. Bonding, Solar Photovoltaic Systems, Limited Energy/Low Voltage, Understanding the NEC®, Train the Trainer, and Business Skills*
- Key Instructor for EC&M multiple annual seminars since 2000
- Created and taught an Electrical Train the Trainer program at the IEC National convention
- Taught an Electrical Train the Trainer workshop from 2000 - 2008
- Taught Exam Preparation at the local and state level since 1975.
- Instructed multiple seminars for the following Industry Organizations
  - NECA
  - GENERAC
  - IAEI
  - IBEW
  - ICBO
  - IBM
  - Boeing
  - Motorola
  - AT&T

Author

- Developed and authored multiple editions of the following titles that are sold to individuals and to electrical apprenticeship programs nationally.
    - *Understanding the National Electrical Code Volume 1 & 2*
    - *Basic Electrical Theory*
    - *Electrical Exam Preparation*
    - *Changes to the NEC®*
    - *Essential Rules of the NEC®*
    - *Power Quality*
    - *Limited Energy & Communication Systems*
    - *NEC Requirements for Grounding vs. Bonding*
    - *NEC Requirements for Solar Photovoltaic Skills*
    - *Business Management Skills*
    - *Electrical Estimating*
- *Created Homestudy Training Programs for Exam Preparation, Code Training, Theory, and more.*
- Current Code Writer for Electrical Construction & Maintenance Magazine, *EC&M*
- Wrote articles for top industry magazines and organizations
    - Electrical Design and Installation Magazine, *EDI*
    - *Solar Pro Magazine*
    - *IEC Magazine*
    - *Electrical Contractor*
    - CEE News
    - Electrical Contractor, *EC*
    - International Association of Electrical Inspectors, *IAEI*
    - The Electrical Distributor, *TED*
    - Power Quality Magazine, *PQ*
    - Electrical Construction & Maintenance Magazine, *EC&M*
- *Designed Electrical Estimating Software that was sold nationally*

Independent author for Leviton – 2000 – 2008

- Code Training book

Independent author for Delmar Publishers – 1999 – 2002

- Understanding the National Electrical Code
- Basic Electrical Theory
- Electrical Estimating

President and Founder of Electrical Contracting firm – Mike & Co., 1974 - 1980

- *Residential and Commercial Work*

Educational Background

- Studied Business Administration, M.B.A., University of Miami

State Licenses

- Electrical Contractor, State of North Carolina, L.25602 1999 - Present
- Electrical Administrator, State of Washington, HOLT*M*870RS 2013 - Present

CERTIFICATE OF COMPLETION

Mike Holt Enterprises hereby certifies that

Sample Student

Student State License Number

has successfully completed the

Title of Course

January 1, 2024

MIKE HOLT ENTERPRISES

MikeHolt.com | 888.632.2633

Charles "Mike" Holt, Sr.
Certified Instructor

Final Score:
Course Hours:
Certificate No:
Course Approval No.
State Provider No.

Course Materials

Courses are accessed through our online course portal, The Capacitor. This program requires a unique login to access the courses. If you need access to test the program, please email ceuonline@mikeholt.com with the email address you'd like to use as your log in. We will set up the account and test courses in our system immediately.